



PATENT  
Customer No. 27874/24024  
Attorney Docket No. 18525.04070

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Victor Argueta-Diaz	)	Group Art Unit: 2873
	)	
Application No.: 10/727,009	)	Examiner: BEN, Loha
	)	
Filed: December 2, 2003	)	Attorney Docket No.: 18525.04070
	)	
For: Method and Apparatus for	)	
Combining Optical Beams	)	

Mail Stop RCE  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(d)**

Pursuant to 37 CFR §§ 1.56 and 1.97(d), Applicants bring to the attention of the Examiner the documents listed on the attached PTO/SB/08A and PTO/SB/08B. This Information Disclosure Statement is being filed concurrently with an RCE. Under the provisions of 37 C.F.R. § 1.97(d), no fee is due.

Copies of the listed non-patent documents are attached. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute

*Application/Patent No. 10/727,009*  
*Attorney Docket No. 18525.04070*  
*Information Disclosure Statement*

“prior art” under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of the Statement, please charge the fee to our deposit account number 03-0172.

Respectfully submitted,

Date: 3/7/05

  
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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/727,009
Filing Date	12/02/2003
First Named Inventor	Victor Argueta-Diaz
Art Unit	2873
Examiner Name	BEN, Loha
Attorney Docket Number	18525.04070

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

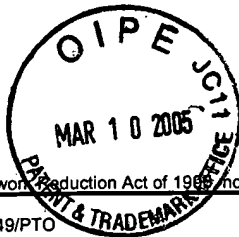
[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number 10/727,009

Filing Date 12/02/2003

First Named Inventor Victor Argueta-Diaz

Art Unit 2873

Examiner Name BEN, Loha

Attorney Docket Number 18525.04070

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		J. WHITE, "Long Optical Paths of Large Aperture," Journal of the Optical Society of America, 1942, pp. 285-288, Vol. 32.	
		J. U. WHITE, "Very Long Optical Paths In Air," Journal of the Optical Society of America, 1976, pp. 411-416, Vol. 66.	
		V. ARGUETA, B. L. ANDERSON, S. A. COLLINS, JR., "Binary Optical Interconnection: Patent Addendum."	
		B. E. A. SALEH and M. C. TEICH, "Fundamentals of Photonics," 1991, New York: John Wiley and Sons.	
		R. T. CHENG, S. TANG, M. M. LI, D. GERALD, S. NATARAJAN, "1 to 12 Surface-Normal Three-Dimensional Optical Interconnects," Appl. Phys. Lett. 63, 1983, pp. 1883-1885, Vol. 63	
		M.M. LI, R.T. CHENG, S. TANG, "Angular Limitations of Polymer-Based Waveguides Holograms for 1-to-many V-shaped Surface-Normal Optical Interconnects," Appl. Phys. Lett. 65, 1994, pp. 2931-2933.	
		J. LIU, C. ZHAO, R. LEE, R.T. CHEN, "Cascade Energy-Optimized Linear Volume Hologram Array for 1-to-many Surface-Normal Even Fan-Outs," Optics and Laser Technologies, 1997, pp	

Examiner  
SignatureDate  
Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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